

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110823\  
 Data File : PL086521.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2023 09:50  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/08/2023  
 Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 11:33:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 11:22:05 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.352 | 2.617 | 16442226 | 4776581 | 5.064  | 4.851  |
| 28)                         | SA Decachlor... | 8.853 | 7.768 | 16419771 | 6843697 | 5.609  | 5.667  |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.805 | 3.115 | 21319464 | 5470441 | 4.432  | 4.104  |
| 3)                          | MA gamma-BHC... | 4.136 | 3.442 | 22117632 | 5764872 | 4.701  | 4.344  |
| 4)                          | MA Heptachlor   | 4.724 | 3.778 | 22458462 | 6339317 | 4.923  | 4.736  |
| 5)                          | MB Aldrin       | 5.062 | 4.055 | 21910875 | 5924515 | 4.840  | 4.553  |
| 6)                          | B beta-BHC      | 4.341 | 3.745 | 11117510 | 3114852 | 5.497  | 5.226  |
| 7)                          | B delta-BHC     | 4.582 | 3.969 | 21885596 | 5469597 | 4.782m | 4.181  |
| 8)                          | B Heptachlo...  | 5.494 | 4.560 | 18494913 | 5758191 | 4.758  | 4.794  |
| 9)                          | A Endosulfan I  | 5.878 | 4.925 | 19258694 | 5859083 | 5.133  | 5.111m |
| 10)                         | B gamma-Chl...  | 5.751 | 4.810 | 21390221 | 5978893 | 5.221  | 4.879m |
| 11)                         | B alpha-Chl...  | 5.830 | 4.873 | 21002016 | 6232609 | 5.173  | 5.000m |
| 12)                         | B 4,4'-DDE      | 6.014 | 5.074 | 17043737 | 4399822 | 4.914  | 4.286  |
| 13)                         | MA Dieldrin     | 6.154 | 5.192 | 19063123 | 5363669 | 4.848  | 4.495  |
| 14)                         | MA Endrin       | 6.383 | 5.466 | 17230509 | 5028850 | 5.003  | 4.591  |
| 15)                         | B Endosulfa...  | 6.606 | 5.764 | 20209552 | 5356949 | 5.686  | 4.881  |
| 16)                         | A 4,4'-DDD      | 6.534 | 5.630 | 12691097 | 3870025 | 4.766  | 4.542  |
| 17)                         | MA 4,4'-DDT     | 6.849 | 5.881 | 14081661 | 4241166 | 4.750  | 4.338  |
| 18)                         | B Endrin al...  | 6.737 | 5.946 | 14029368 | 5532164 | 5.292  | 5.906  |
| 19)                         | B Endosulfa...  | 6.973 | 6.170 | 18716268 | 5447612 | 5.576  | 5.015  |
| 20)                         | A Methoxychlor  | 7.334 | 6.466 | 8377938  | 3033027 | 5.250  | 5.071  |
| 21)                         | B Endrin ke...  | 7.456 | 6.671 | 17056604 | 6150891 | 5.005  | 4.804m |
| 22)                         | Mirex           | 7.928 | 6.849 | 16168220 | 6399709 | 5.725  | 5.630  |
| -----                       |                 |       |       |          |         |        |        |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110823\  
Data File : PL086521.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2023 09:50  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC005

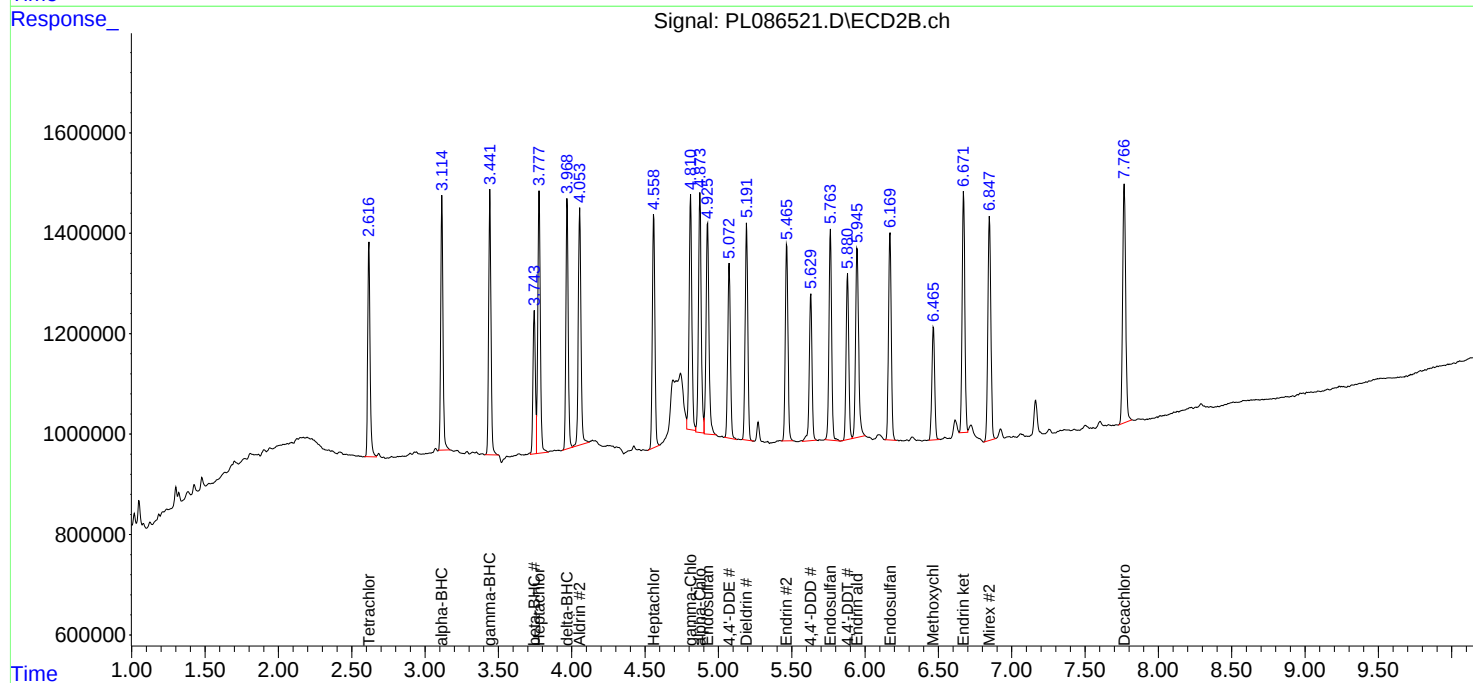
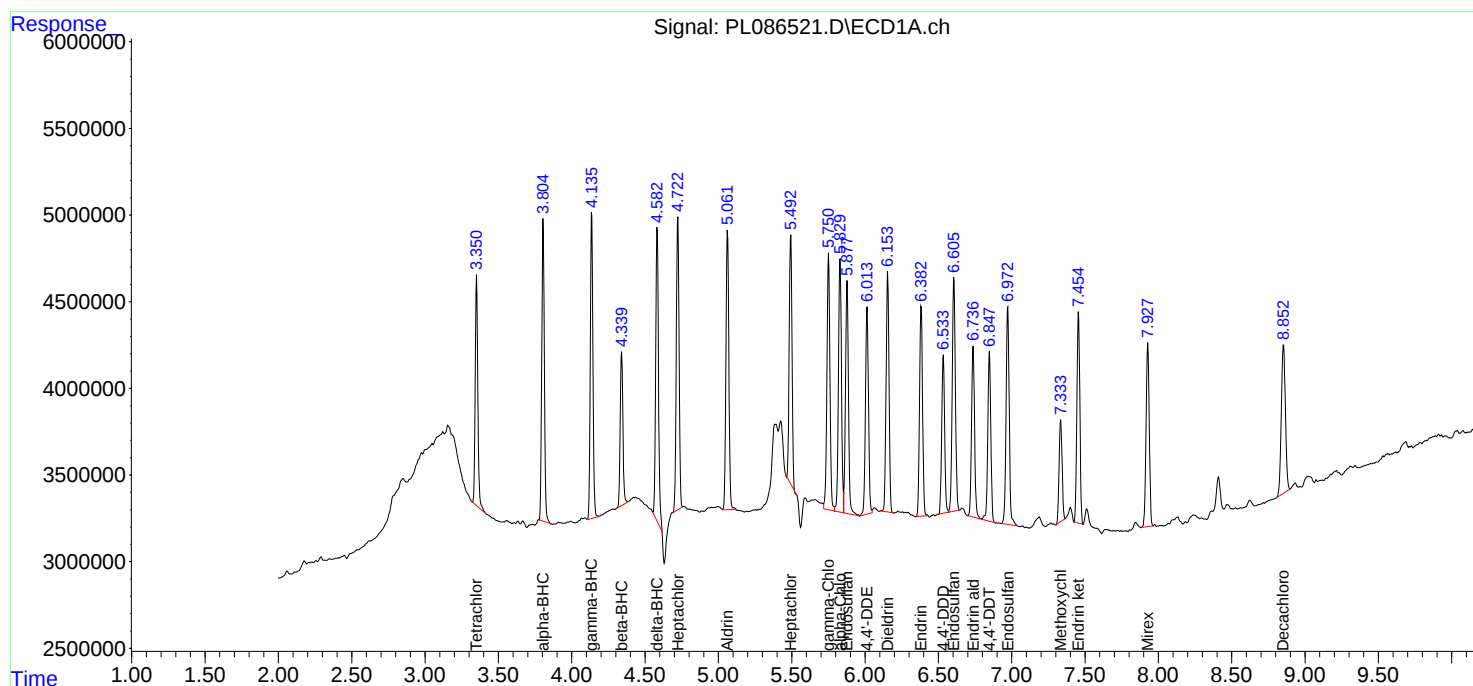
## Manual Integrations

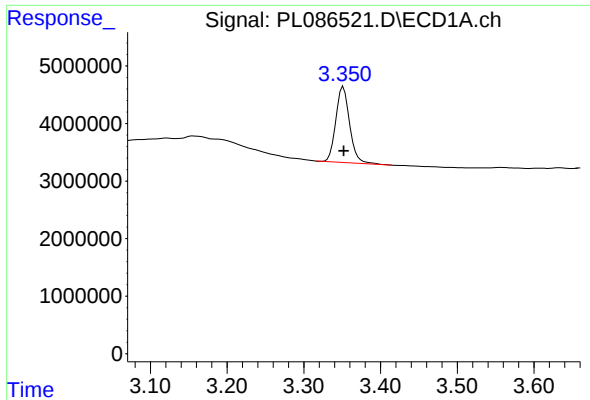
## APPROVED

Reviewed By :Abdul Mirza 11/08/2023  
Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 11:33:29 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 11:22:05 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





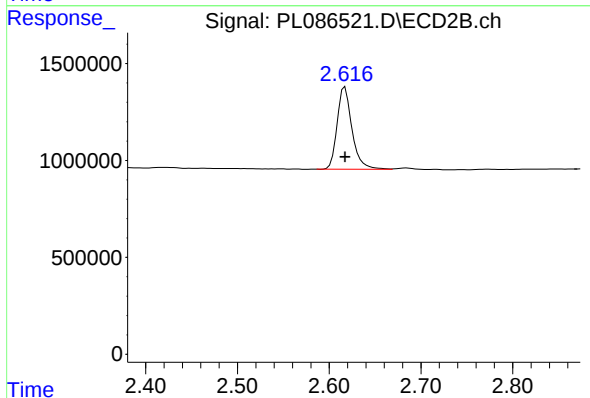
#1 Tetrachloro-m-xylene

R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 16442226  
Conc: 5.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

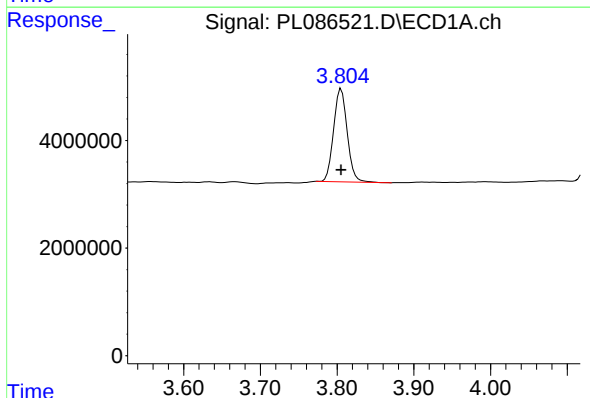
Manual Integrations  
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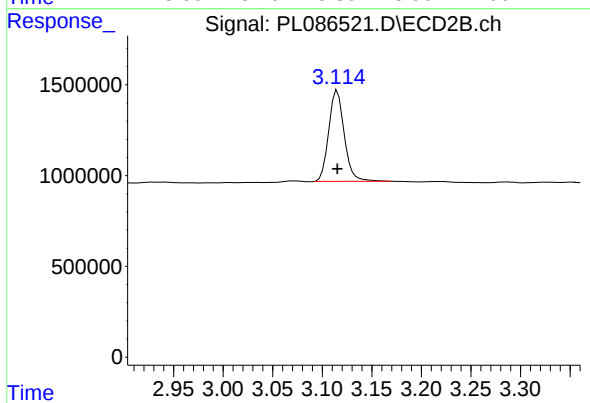
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: 0.000 min  
Response: 4776581  
Conc: 4.85 ng/ml



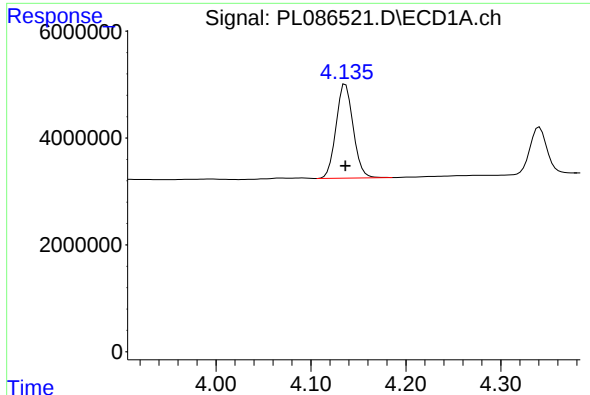
#2 alpha-BHC

R.T.: 3.805 min  
Delta R.T.: 0.000 min  
Response: 21319464  
Conc: 4.43 ng/ml



#2 alpha-BHC

R.T.: 3.115 min  
Delta R.T.: 0.000 min  
Response: 5470441  
Conc: 4.10 ng/ml



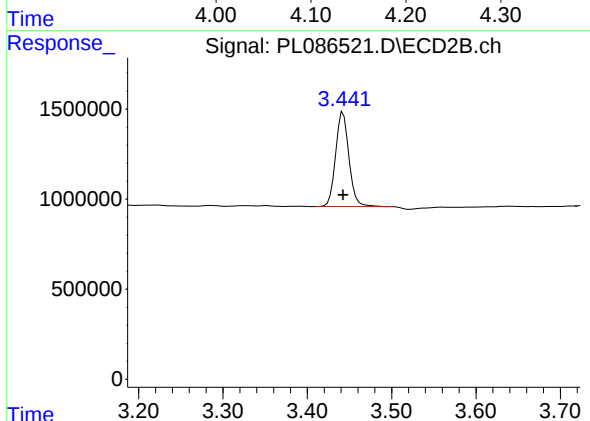
#3 gamma-BHC (Lindane)

R.T.: 4.136 min  
Delta R.T.: 0.000 min  
Response: 22117632  
Conc: 4.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

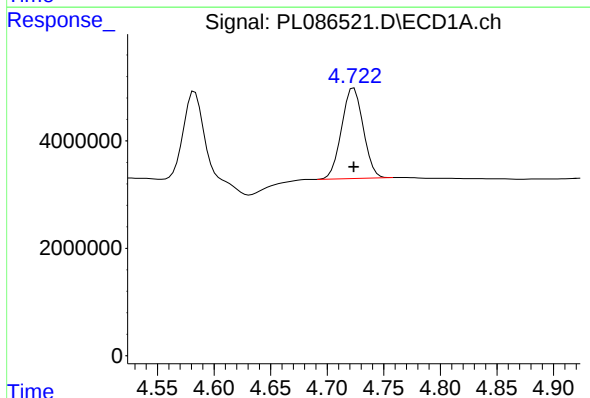
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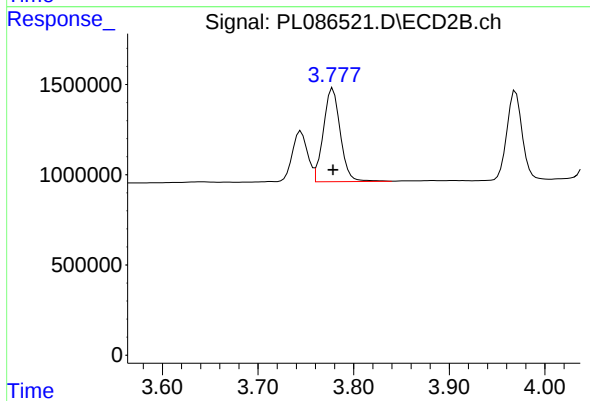
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 5764872  
Conc: 4.34 ng/ml



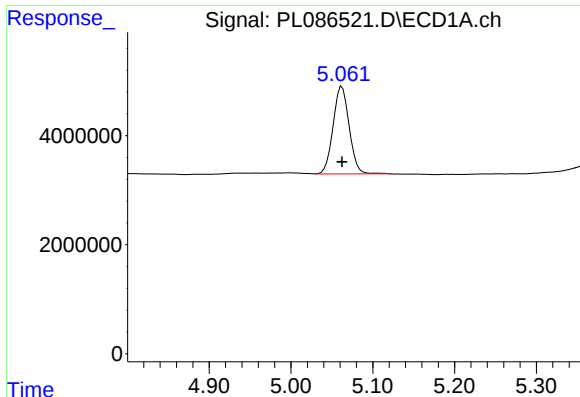
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 22458462  
Conc: 4.92 ng/ml



#4 Heptachlor

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 6339317  
Conc: 4.74 ng/ml



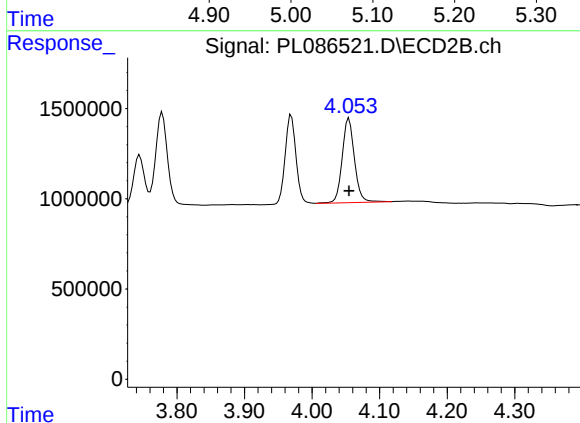
#5 Aldrin

R.T.: 5.062 min  
Delta R.T.: 0.000 min  
Response: 21910875  
Conc: 4.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

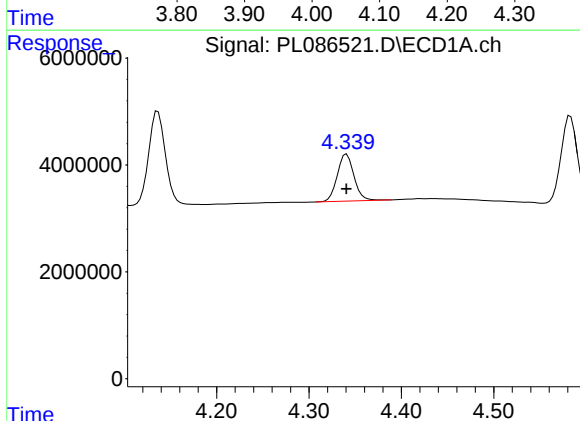
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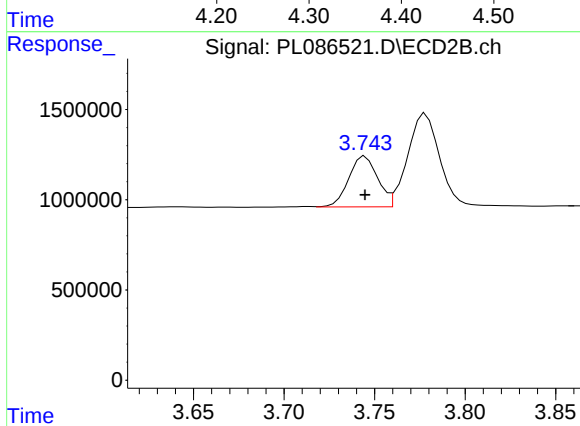
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 5924515  
Conc: 4.55 ng/ml



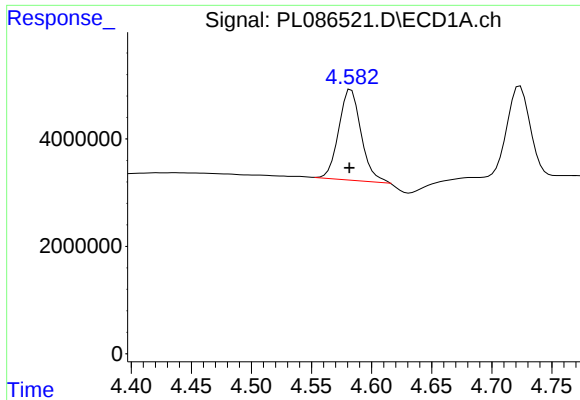
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 11117510  
Conc: 5.50 ng/ml



#6 beta-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 3114852  
Conc: 5.23 ng/ml



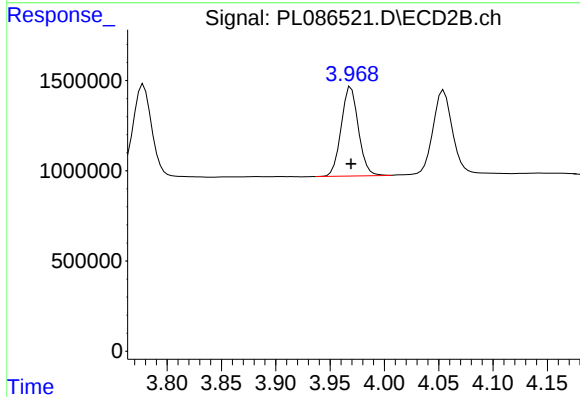
#7 delta-BHC

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 21885596  
Conc: 4.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

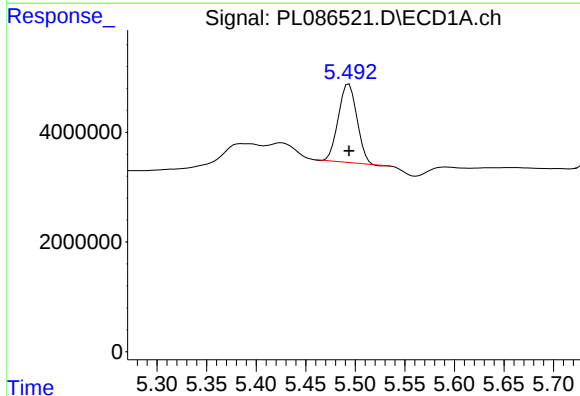
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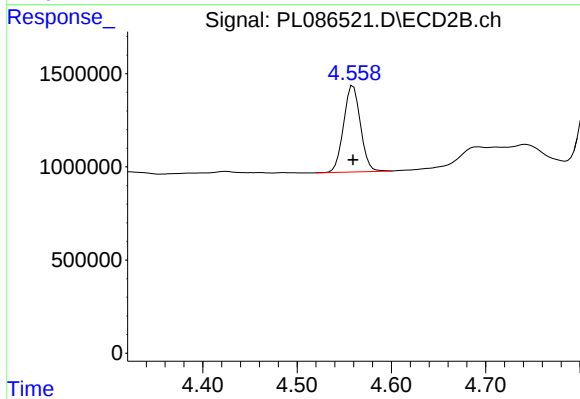
#7 delta-BHC

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 5469597  
Conc: 4.18 ng/ml



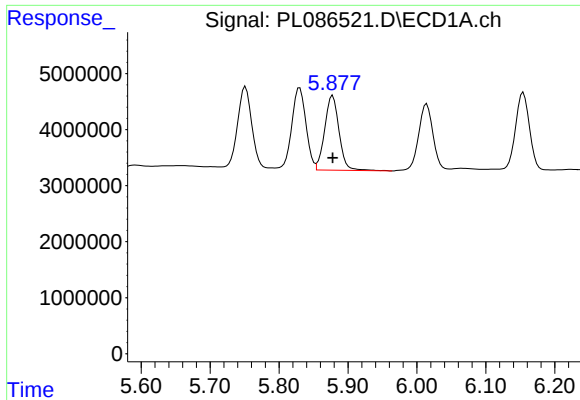
#8 Heptachlor epoxide

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 18494913  
Conc: 4.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 5758191  
Conc: 4.79 ng/ml



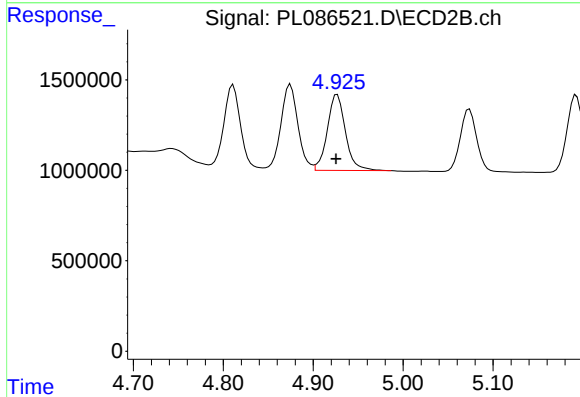
#9 Endosulfan I

R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 19258694  
Conc: 5.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

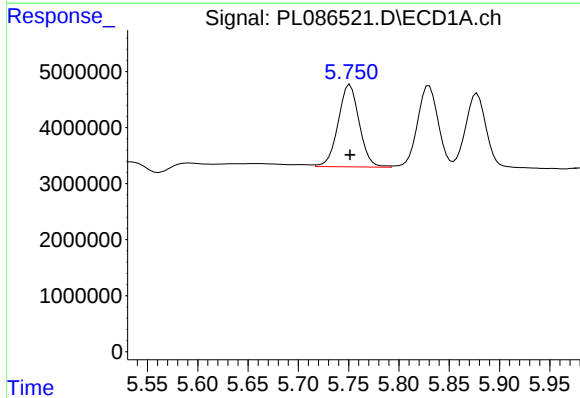
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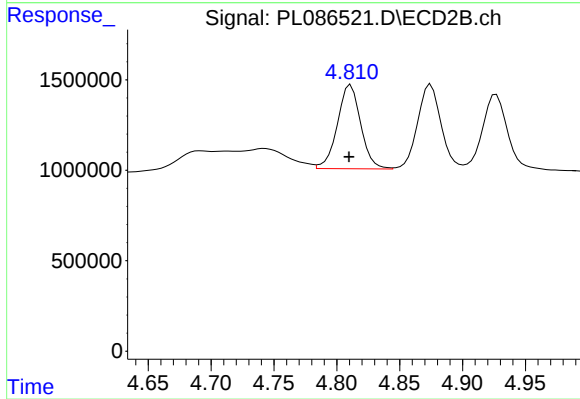
#9 Endosulfan I

R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 5859083  
Conc: 5.11 ng/ml m



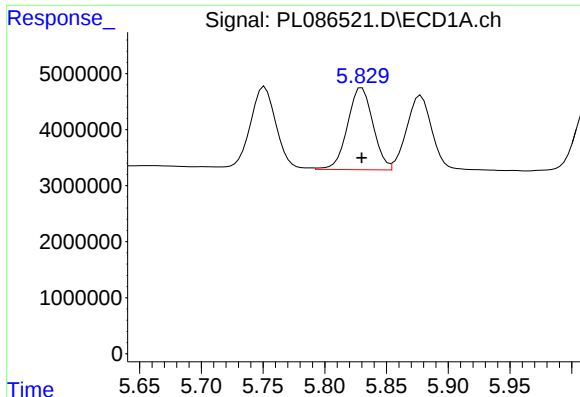
#10 gamma-Chlordane

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 21390221  
Conc: 5.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.810 min  
Delta R.T.: 0.000 min  
Response: 5978893  
Conc: 4.88 ng/ml m



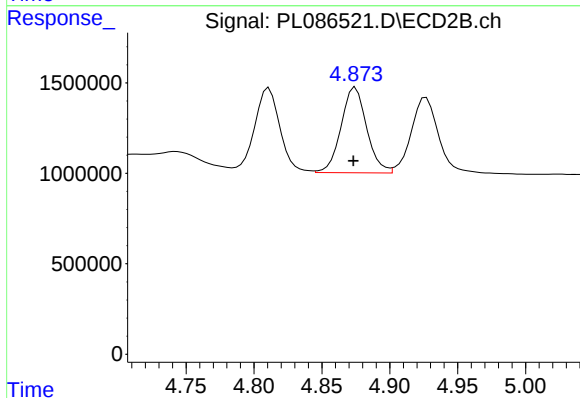
#11 alpha-Chlordane

R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 21002016  
Conc: 5.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

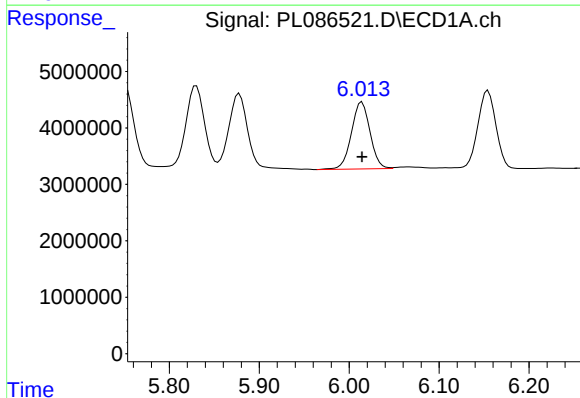
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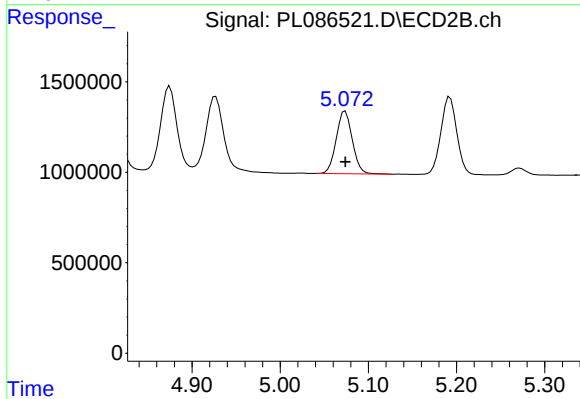
#11 alpha-Chlordane

R.T.: 4.873 min  
Delta R.T.: 0.000 min  
Response: 6232609  
Conc: 5.00 ng/ml m



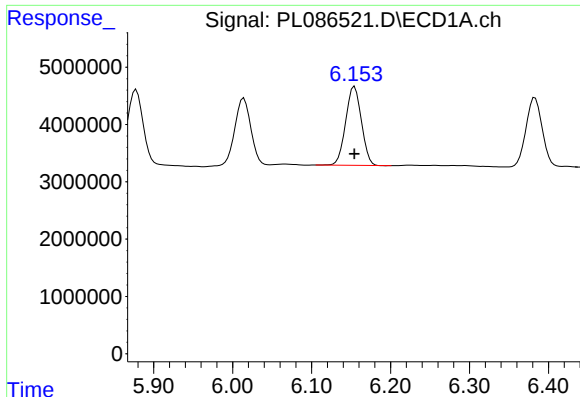
#12 4,4'-DDE

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 17043737  
Conc: 4.91 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 4399822  
Conc: 4.29 ng/ml



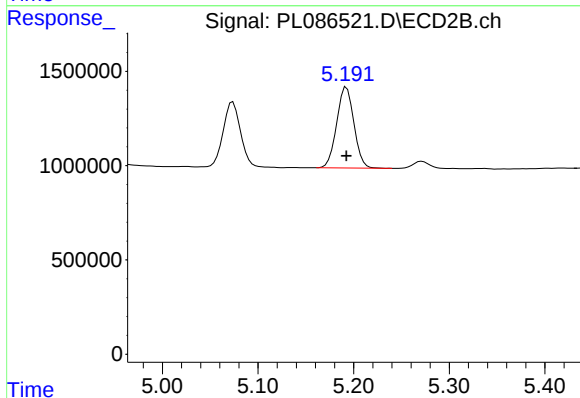
#13 Dieldrin

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 19063123  
Conc: 4.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

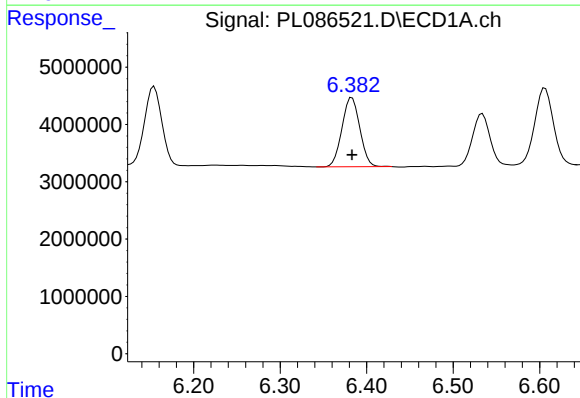
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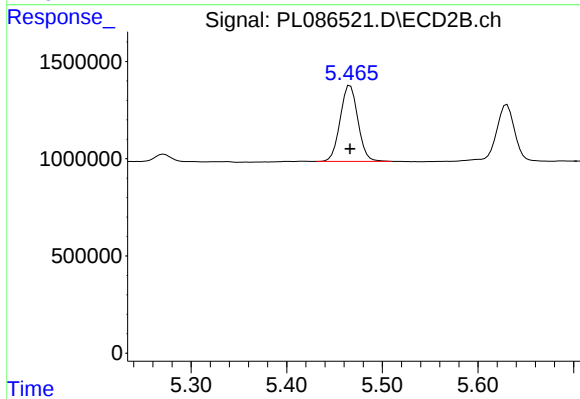
#13 Dieldrin

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 5363669  
Conc: 4.50 ng/ml



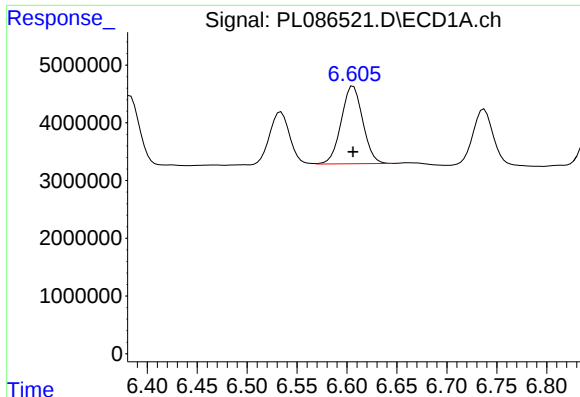
#14 Endrin

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 17230509  
Conc: 5.00 ng/ml



#14 Endrin

R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 5028850  
Conc: 4.59 ng/ml



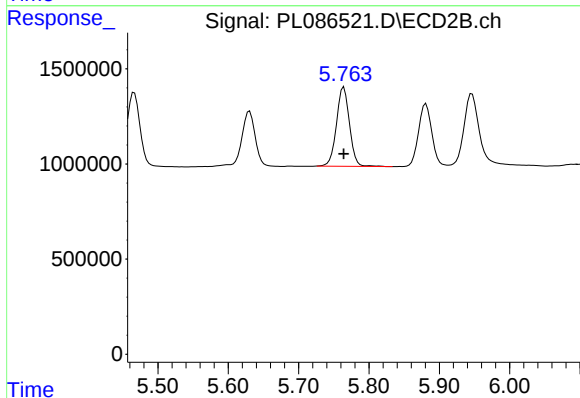
#15 Endosulfan II

R.T.: 6.606 min  
Delta R.T.: 0.000 min  
Response: 20209552  
Conc: 5.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

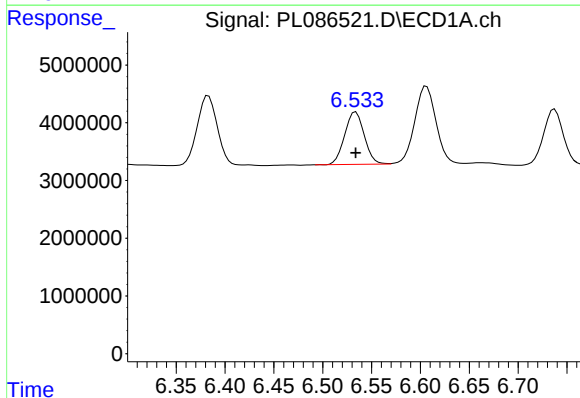
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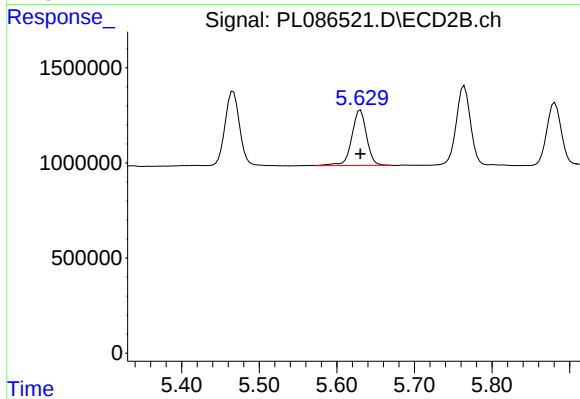
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 5356949  
Conc: 4.88 ng/ml



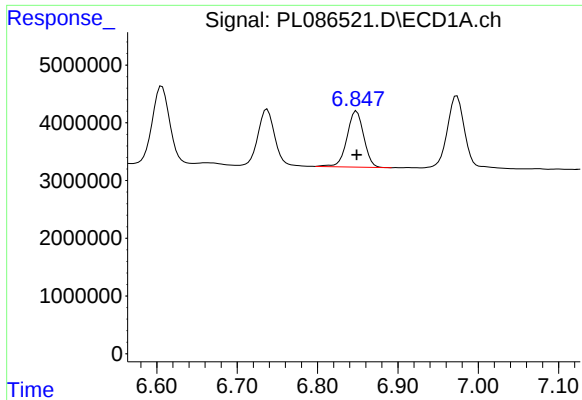
#16 4,4'-DDD

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 12691097  
Conc: 4.77 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 3870025  
Conc: 4.54 ng/ml



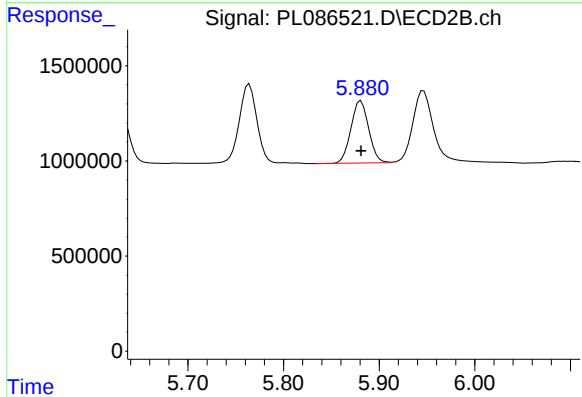
#17 4,4'-DDT

R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 14081661  
Conc: 4.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

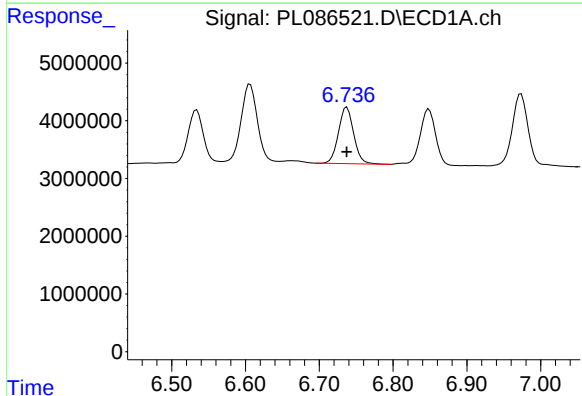
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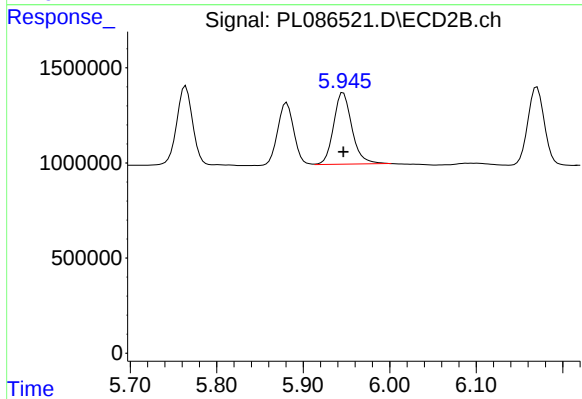
#17 4,4'-DDT

R.T.: 5.881 min  
Delta R.T.: 0.000 min  
Response: 4241166  
Conc: 4.34 ng/ml



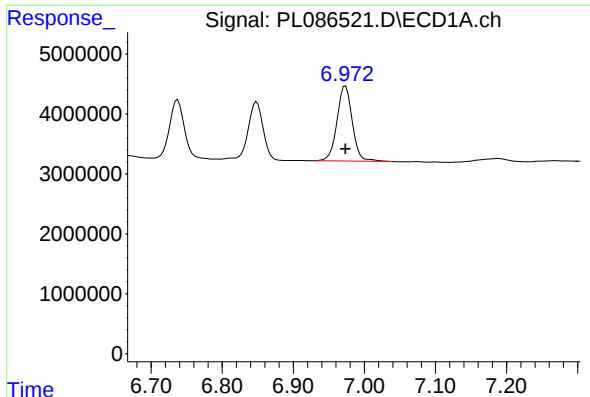
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 14029368  
Conc: 5.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 5532164  
Conc: 5.91 ng/ml



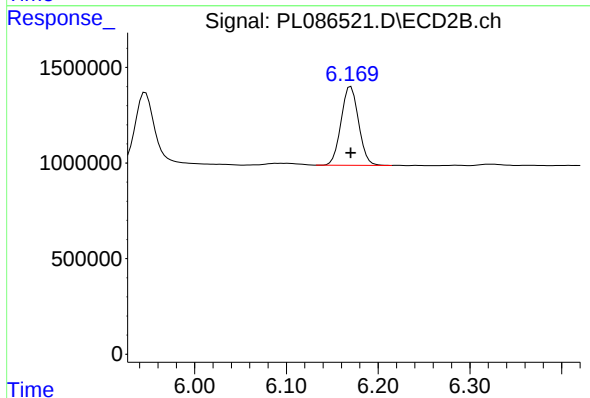
#19 Endosulfan Sulfate

R.T.: 6.973 min  
Delta R.T.: 0.000 min  
Response: 18716268  
Conc: 5.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

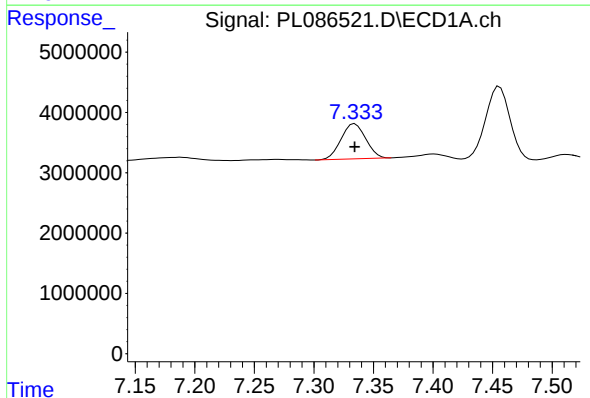
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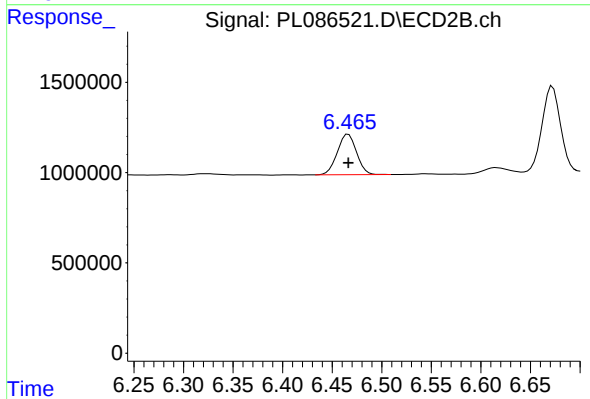
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 5447612  
Conc: 5.02 ng/ml



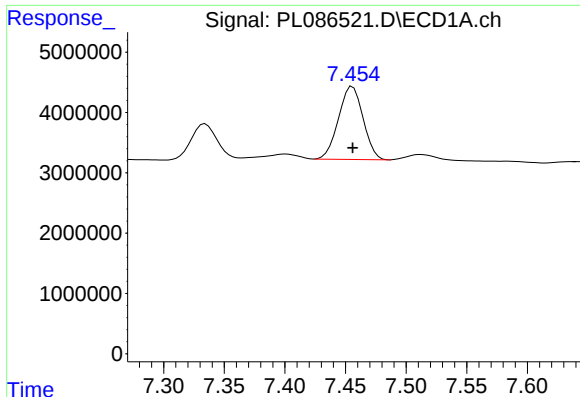
#20 Methoxychlor

R.T.: 7.334 min  
Delta R.T.: 0.000 min  
Response: 8377938  
Conc: 5.25 ng/ml



#20 Methoxychlor

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 3033027  
Conc: 5.07 ng/ml



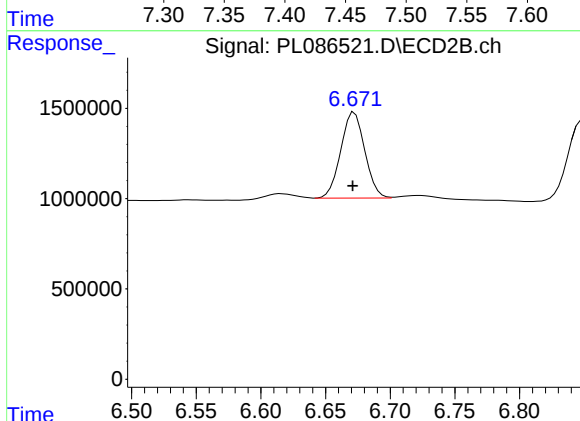
#21 Endrin ketone

R.T.: 7.456 min  
Delta R.T.: 0.000 min  
Response: 17056604  
Conc: 5.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

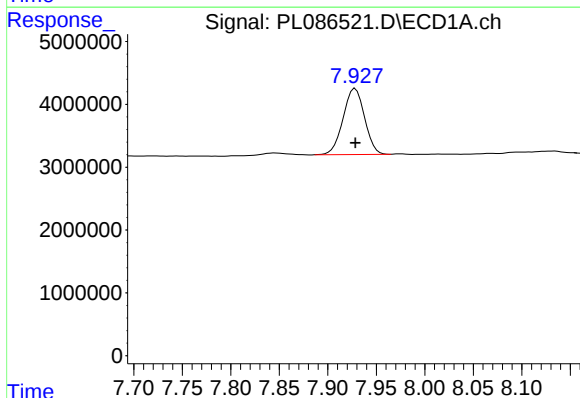
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/08/2023  
Supervised By :Ankita Jodhani 11/09/2023



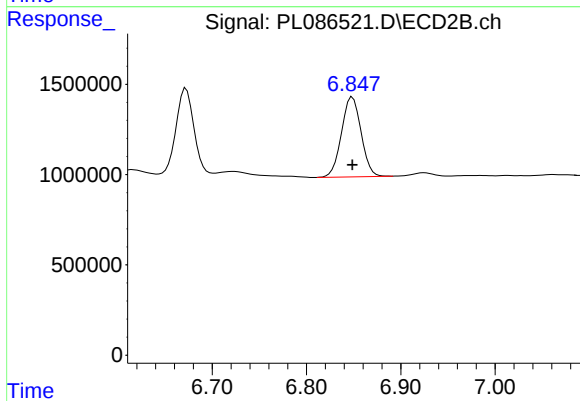
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 6150891  
Conc: 4.80 ng/ml m



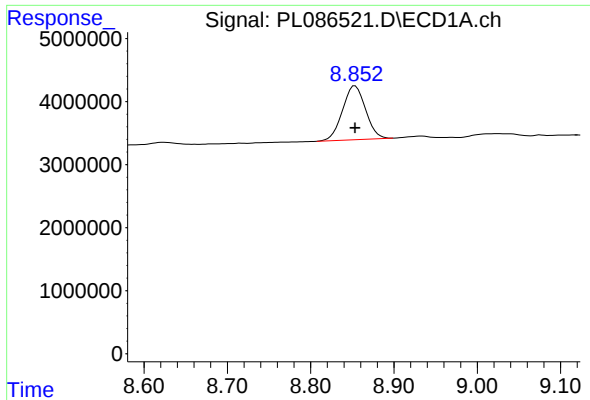
#22 Mirex

R.T.: 7.928 min  
Delta R.T.: 0.000 min  
Response: 16168220  
Conc: 5.72 ng/ml



#22 Mirex

R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 6399709  
Conc: 5.63 ng/ml



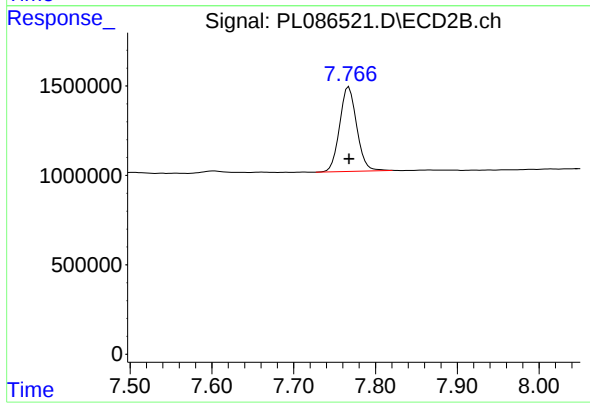
#28 Decachlorobiphenyl

R.T.: 8.853 min  
Delta R.T.: 0.000 min  
Response: 16419771  
Conc: 5.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/08/2023  
Supervised By :Ankita Jodhani 11/09/2023



#28 Decachlorobiphenyl

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 6843697  
Conc: 5.67 ng/ml